



# FEMA



Prepared by  
*Todd Beal*

# FEMA Region 6 Weather Threat Briefing

Monday May 24, 2021

**Disclaimer:** The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh).



NWSSouthern

[www.weather.gov/srh](http://www.weather.gov/srh)



- **Threat of severe weather (marginal to slight risk) today through Thursday.**
  - **Today: E NM into the Panhandles, W TX**
  - **Tuesday: Panhandles, W TX into W OK**
  - **Wednesday: Panhandles into W OK**
  - **Thursday: OK into NW AR**
- **Heavy rainfall and flash flooding possible today across SE TX.**

# FEMA Region 6 Threat Matrix

May 24, 2021 - May 28, 2021



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DAY / THREAT	Mon	Tue	Wed	Thu	Fri
Severe Storms	E NM/WTX TX/OK Panhandles	W OK/WTX TX/OK Panhandles	W OK/ TX/OK Panhandles	OK NW AR	
Heavy Rain / Flash Flooding	SE TX				
	E NM/Panhandles OK/TX				
Fire Weather					
Tropical Winds / Surge					
Winter Weather					
River Flooding	LA/TX	LA/TX	LA/TX	LA/TX	LA/TX
	AR	AR	AR	AR	AR

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.\**

*For more details on the colors in the threat matrix refer to the last slide in this briefing.*

# Tropical Weather Outlook – Atlantic/Gulf



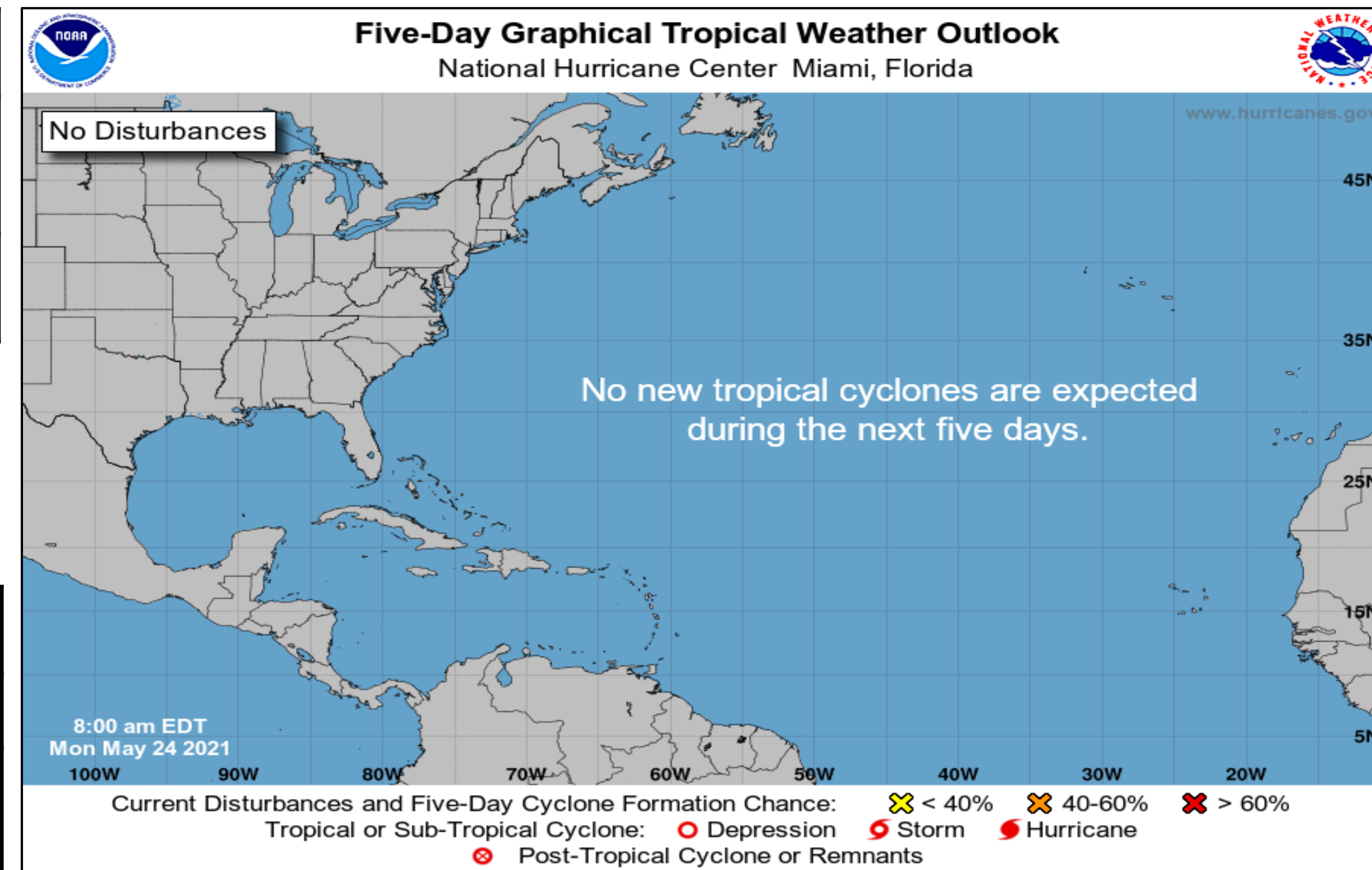
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## Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
-		

## Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6
-	



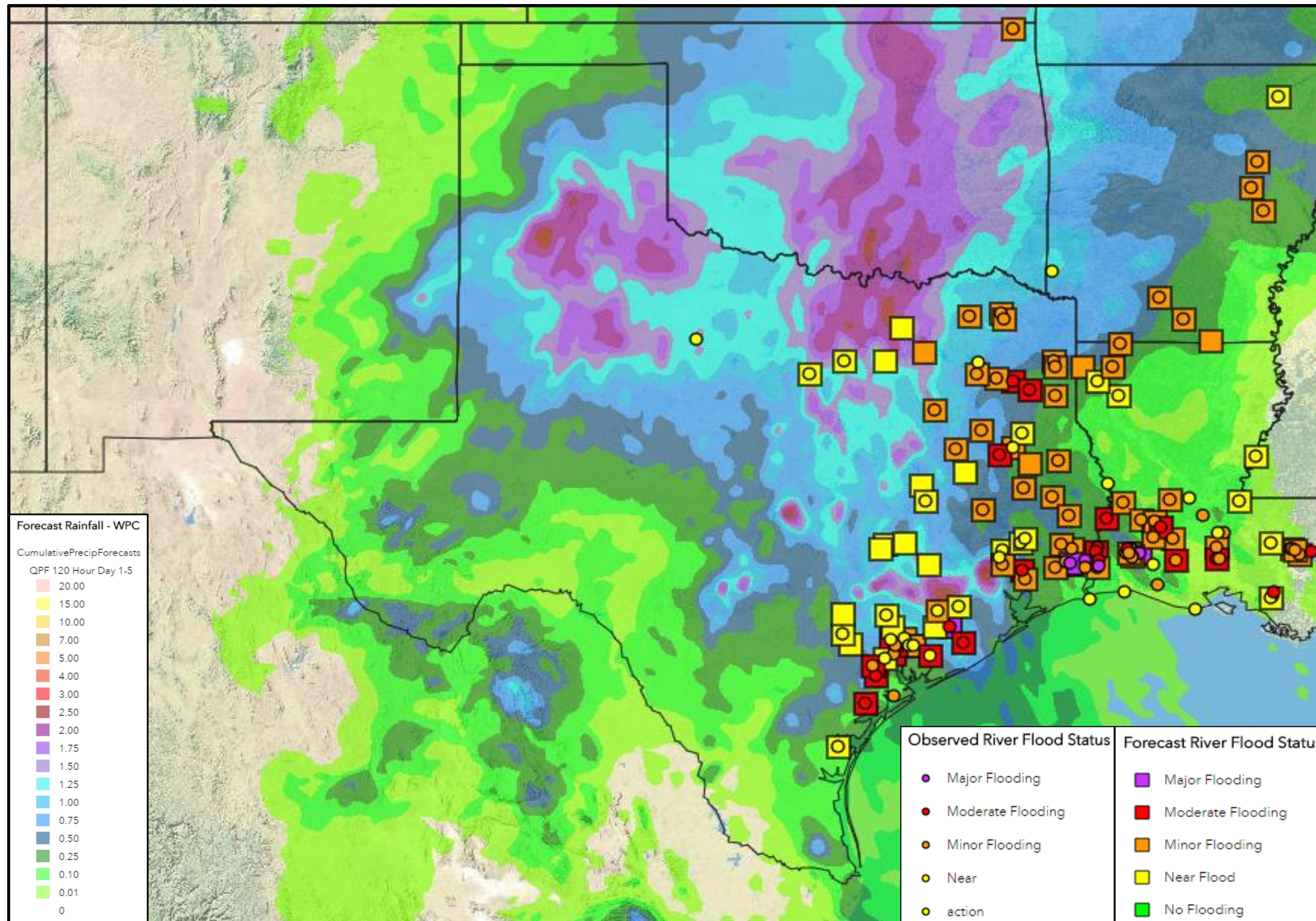


# 5-Day Precipitation Forecast & River Flood Status



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*Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall*



**Widespread minor, scattered moderate, and isolated major flooding continues for portions of TX and LA. Major lowland flooding is likely with significant flooding of roads and agricultural areas, with cattle cut off. Flooding with potential impacts to homes/structures is highlighted below.**

## Major Flooding in Texas

- **Neches River at Saltwater Barrier in SE TX is in major flood w/ several homes & camps flooded.**
- **Cow Bayou near Mauriceville in SE TX is in major flood w/ a few homes flooded.**

## Major Flooding in Louisiana

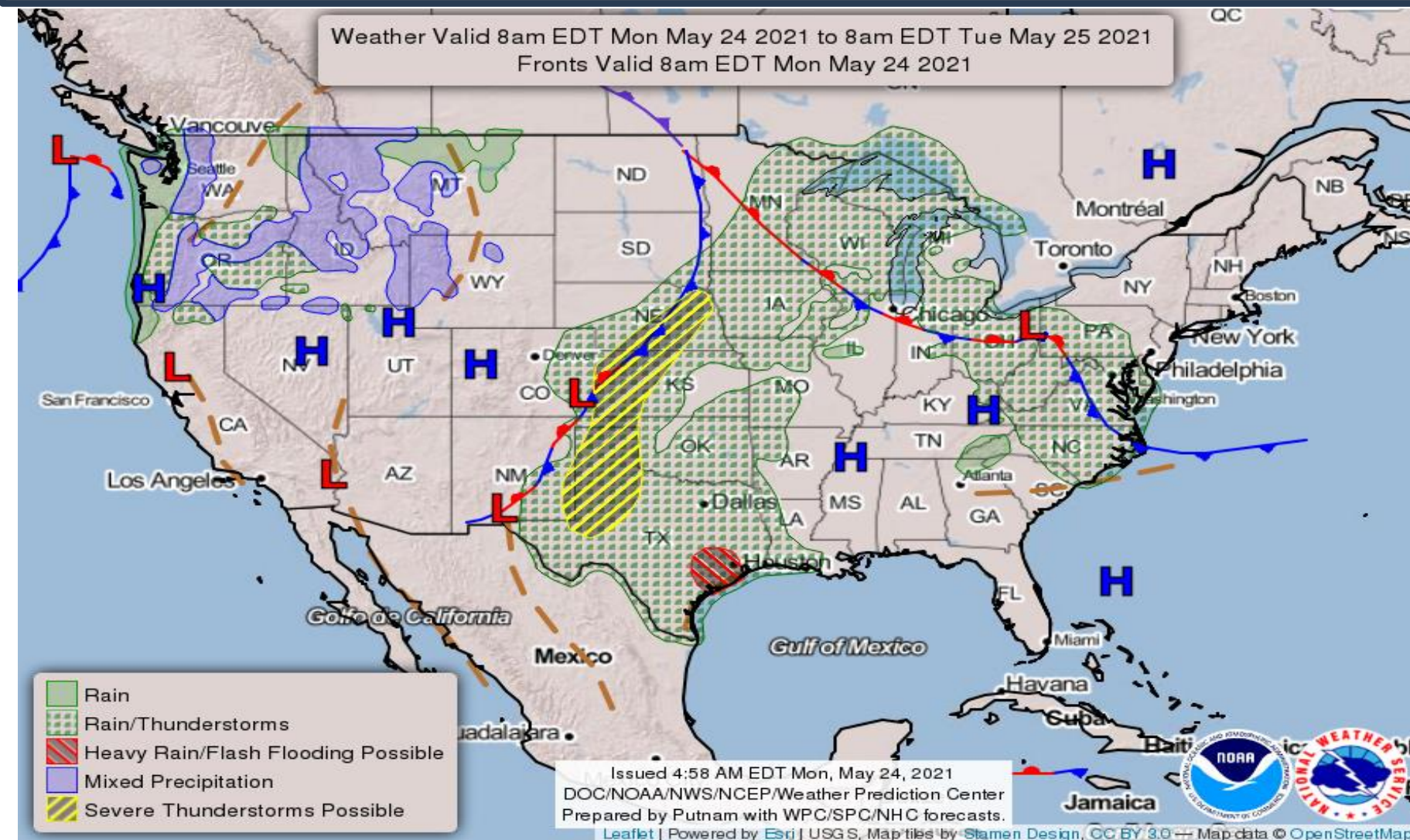
- **Calcasieu River at White Oak Park in SW LA is expected to continue at major flood for the next few days; extensive flooding with water in several homes and camps.**

**Minor river flooding will continue across AR with flooding of agricultural/recreational areas and secondary roads.**

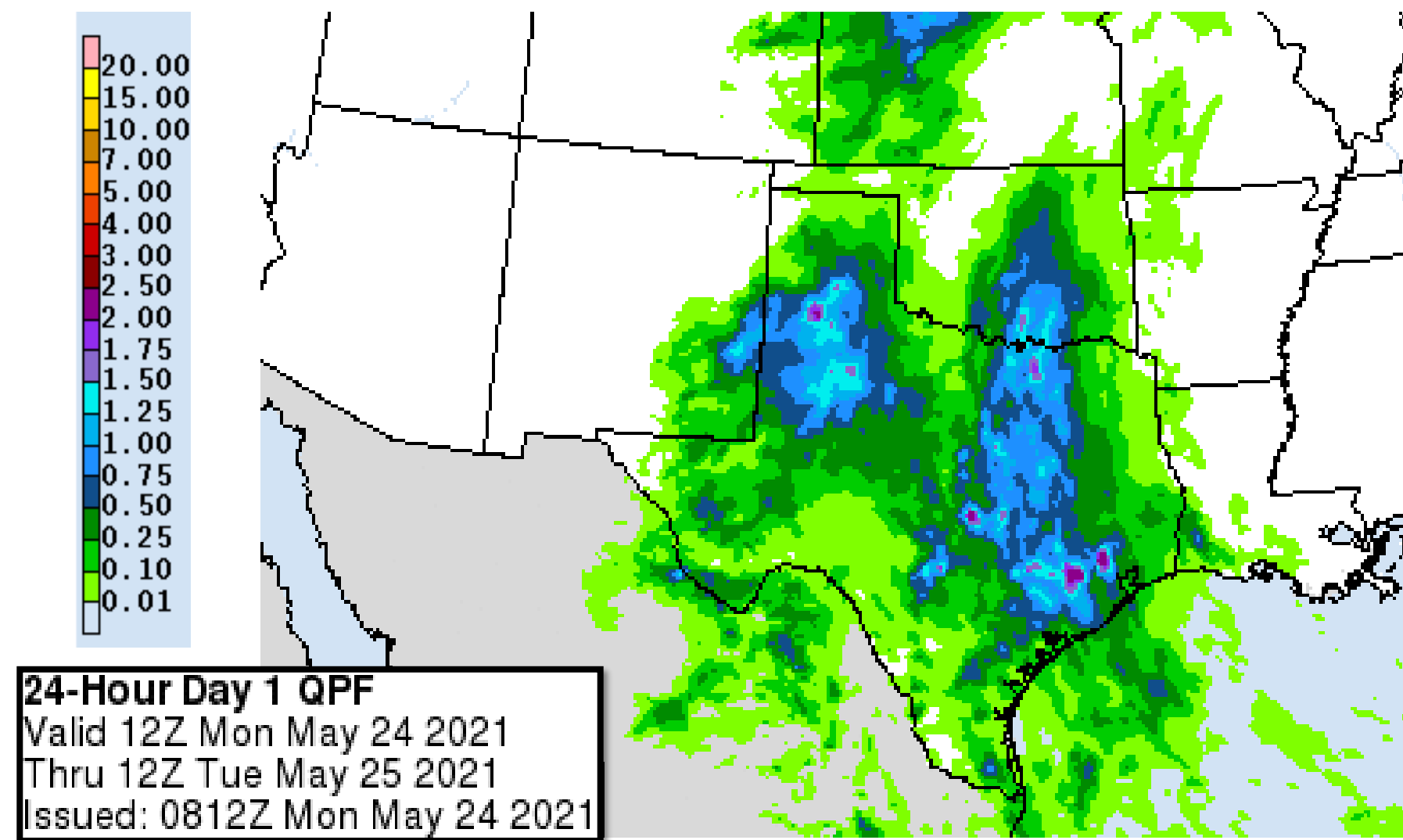


# Today's Weather

## Forecast Chart



## Forecast Rainfall

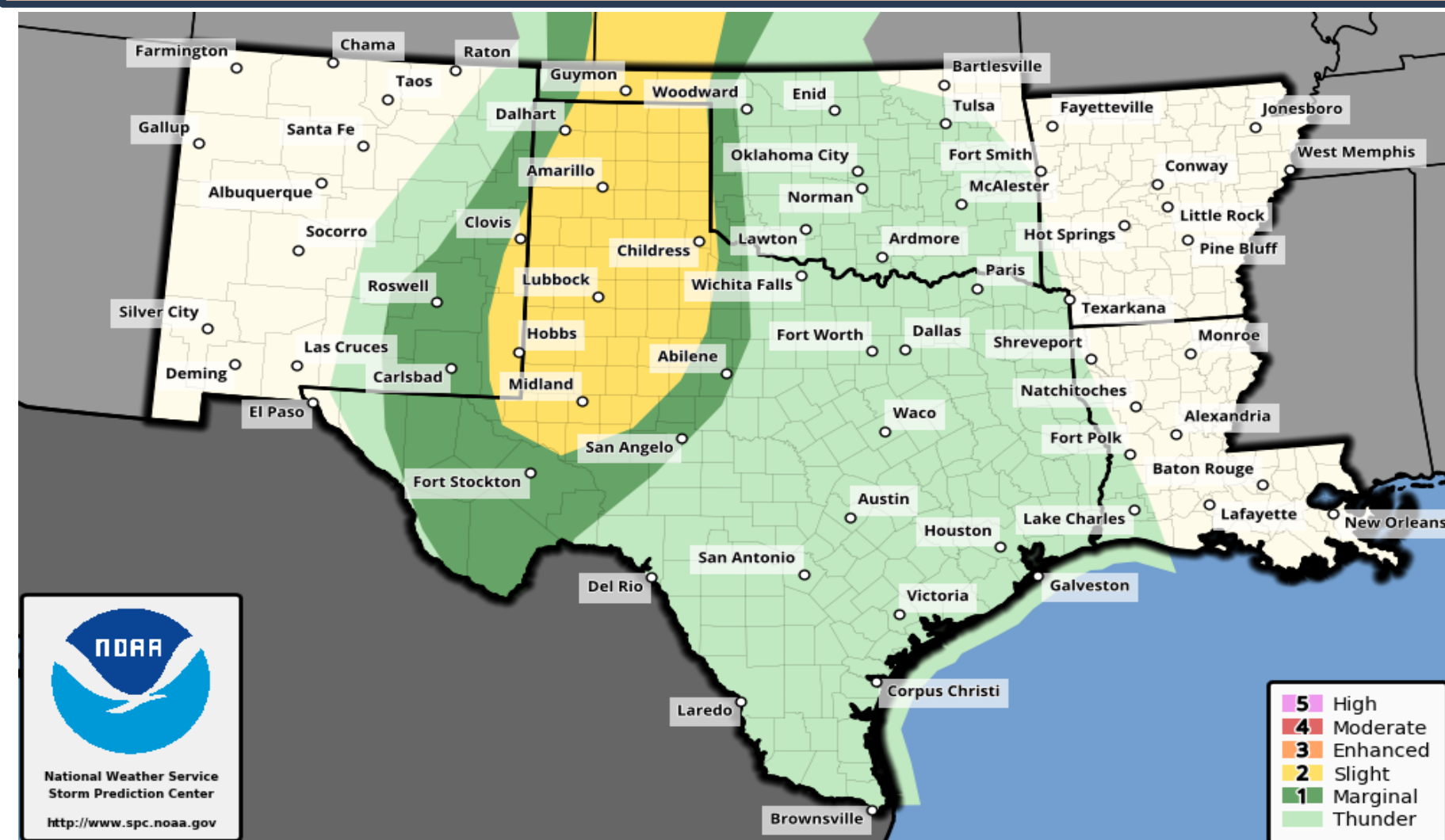


**Severe storms across E NM, the Panhandles, and W TX. Threats include large hail and damaging winds.**

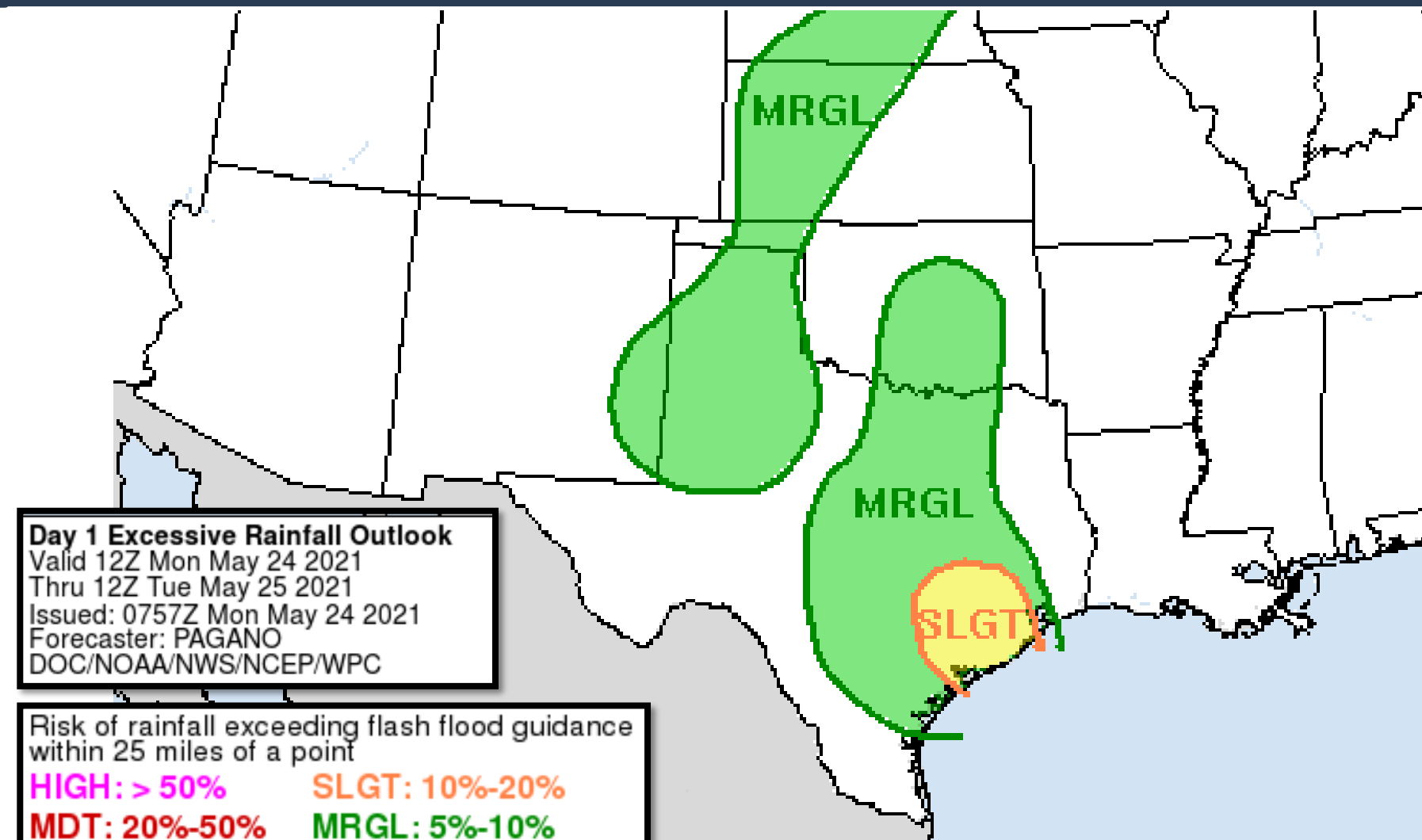
**Heavy rainfall and flash flooding possible across SE TX.**

**Isolated heavy rainfall across E NM, the Panhandles, and portions of TX and OK**

## Severe Weather Outlook



## Excessive Rainfall Outlook



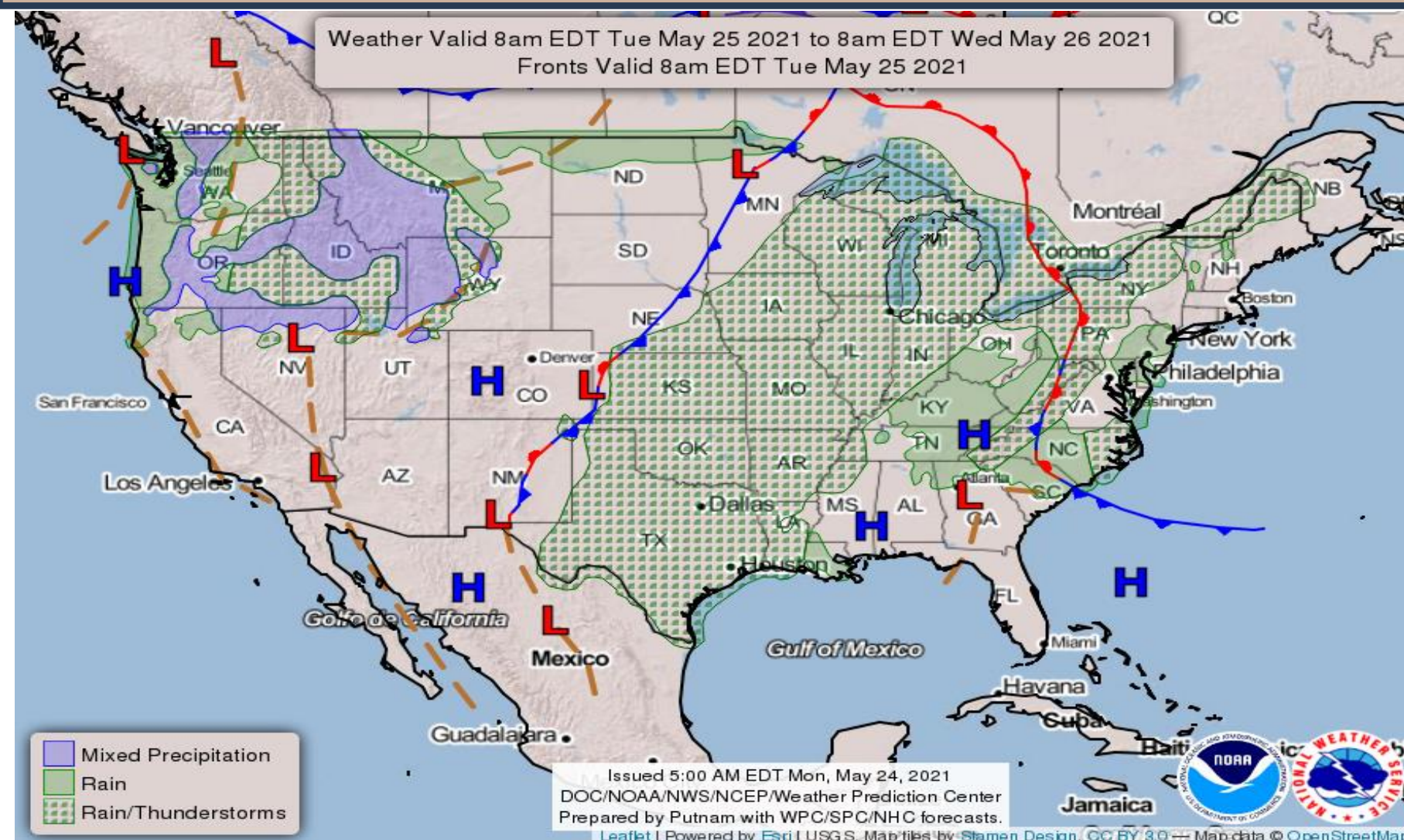


# Tomorrow's Weather

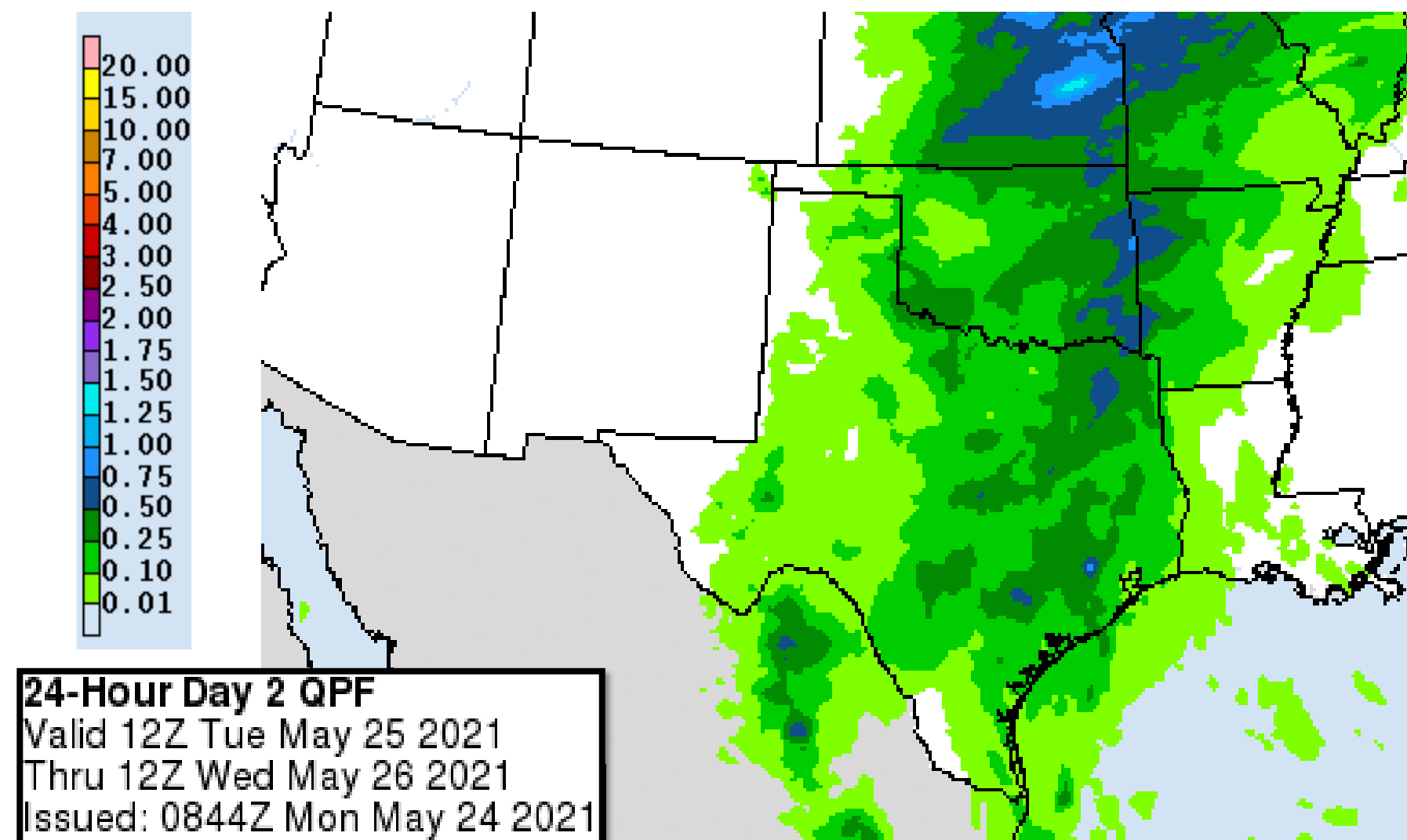


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## Forecast Chart

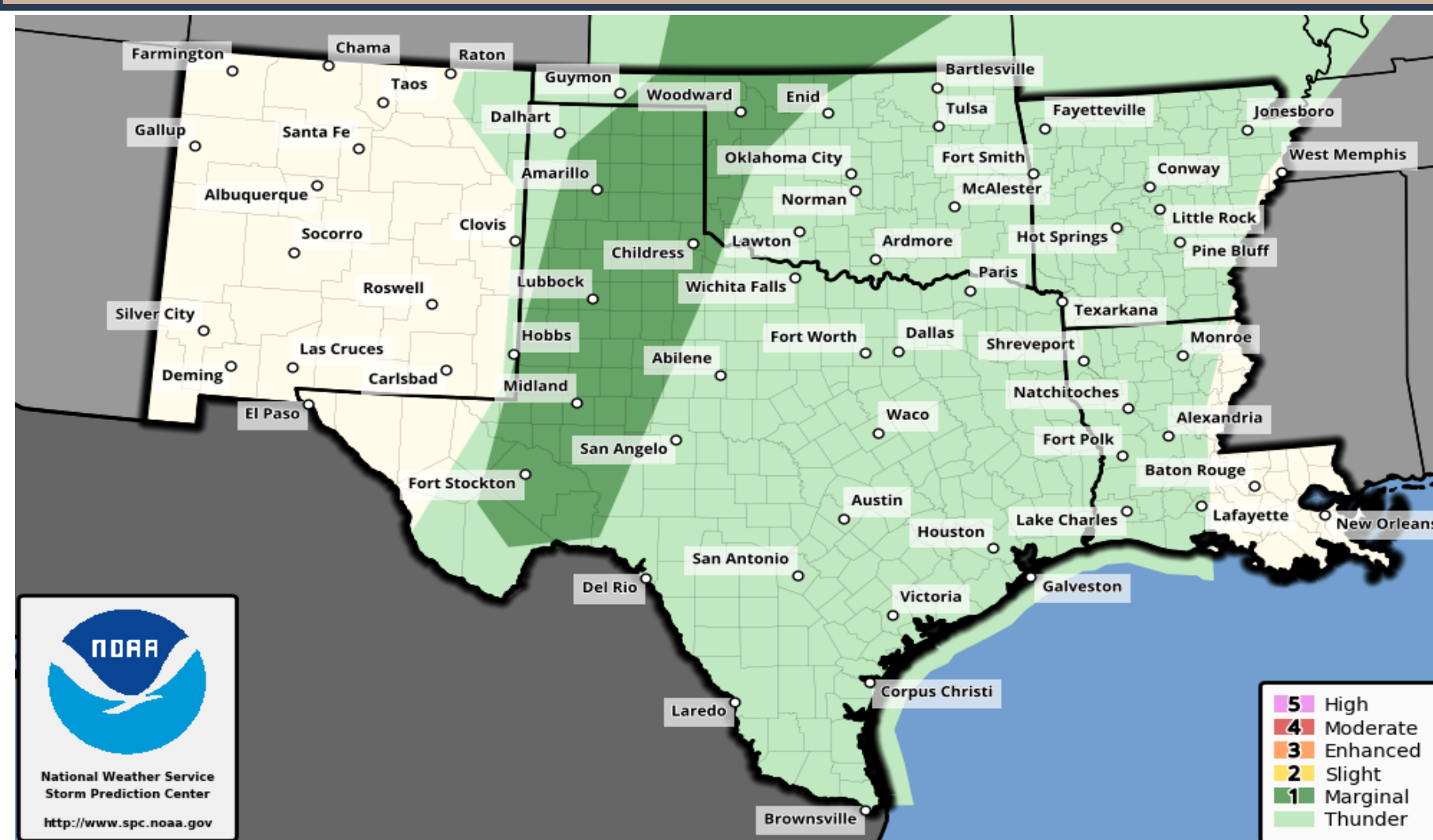


## Forecast Rainfall

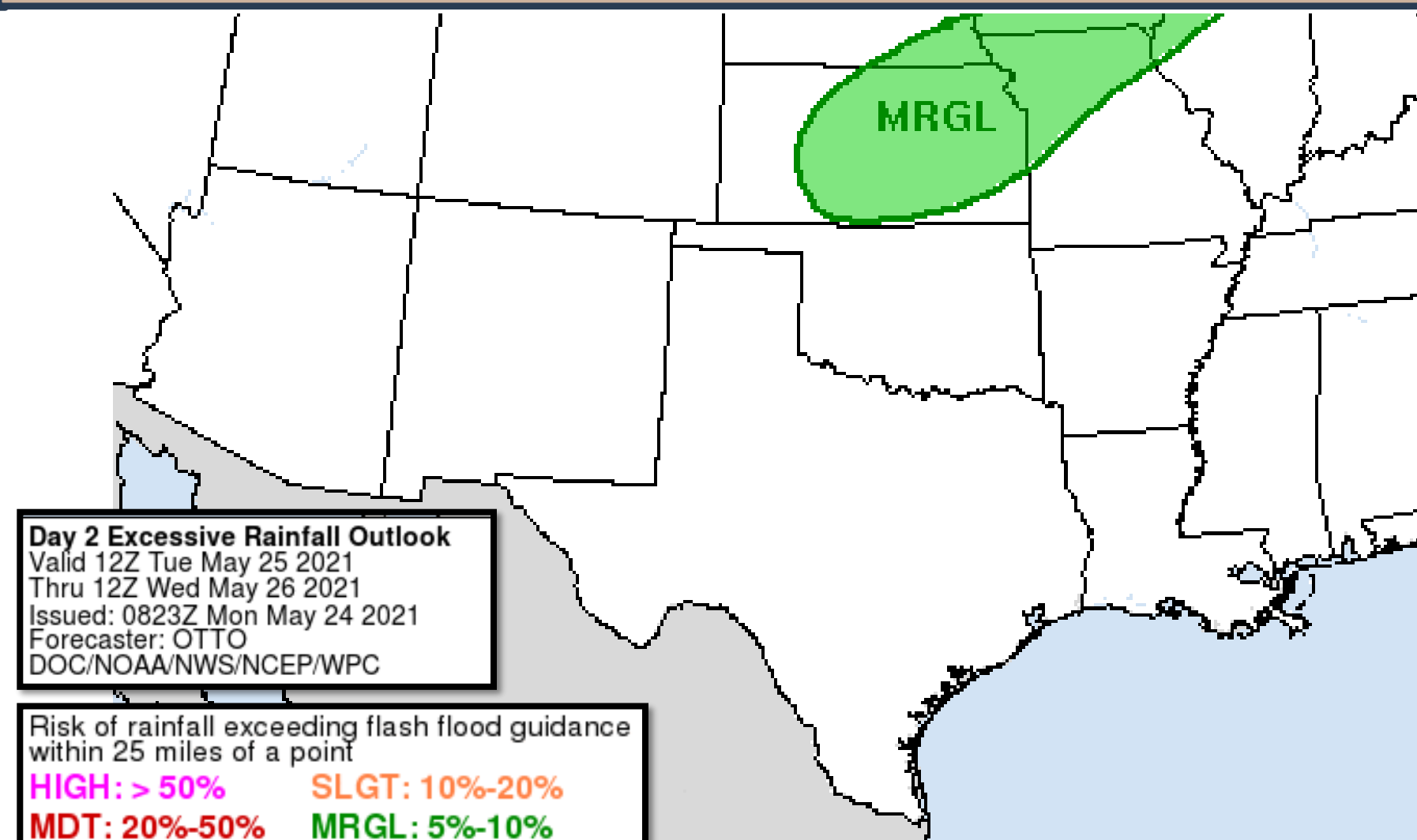


Isolated strong to severe thunderstorms across the Panhandles, W OK, and W TX. Isolated damaging wind gusts and large hail are the main threats.

## Severe Weather Outlook



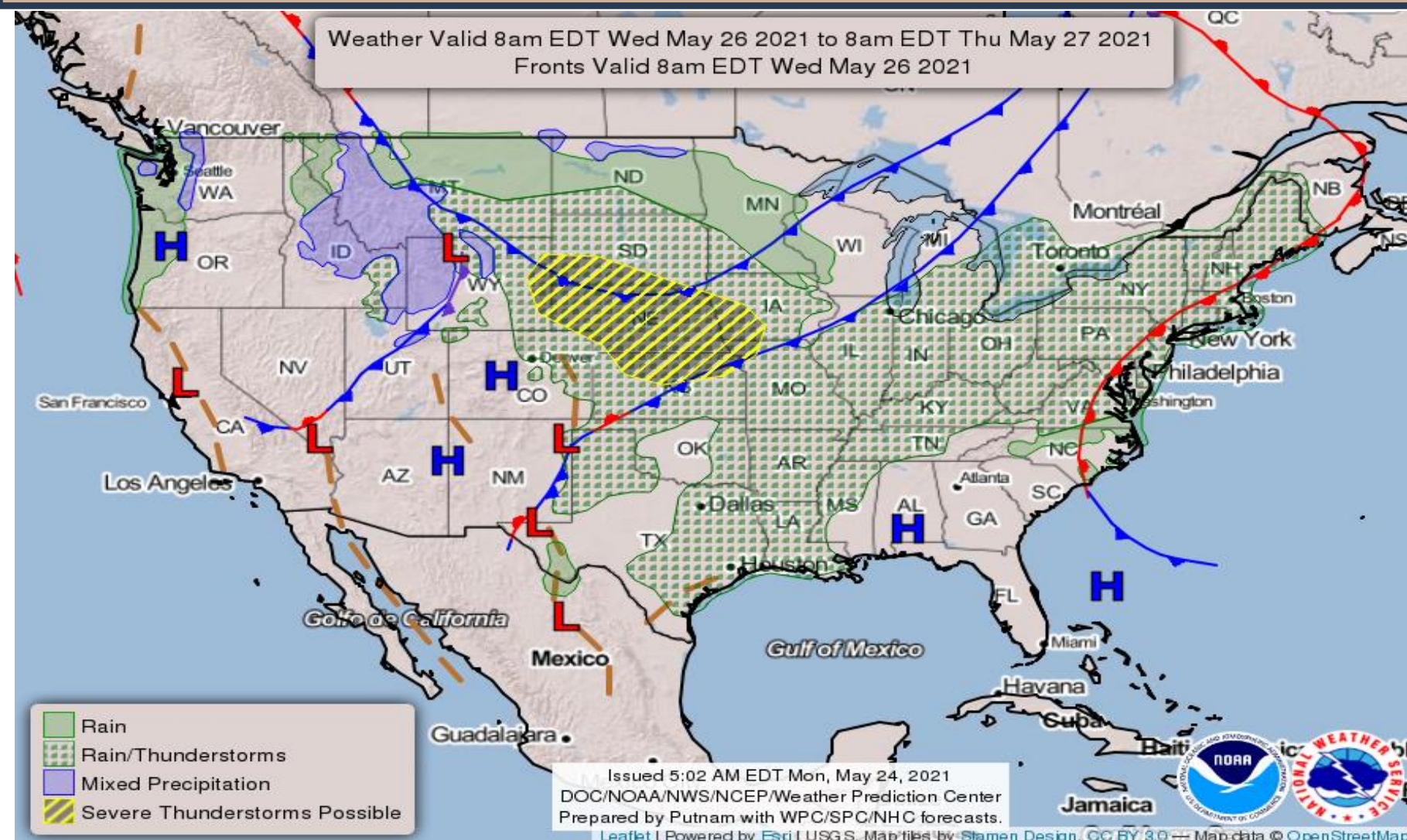
## Excessive Rainfall Outlook



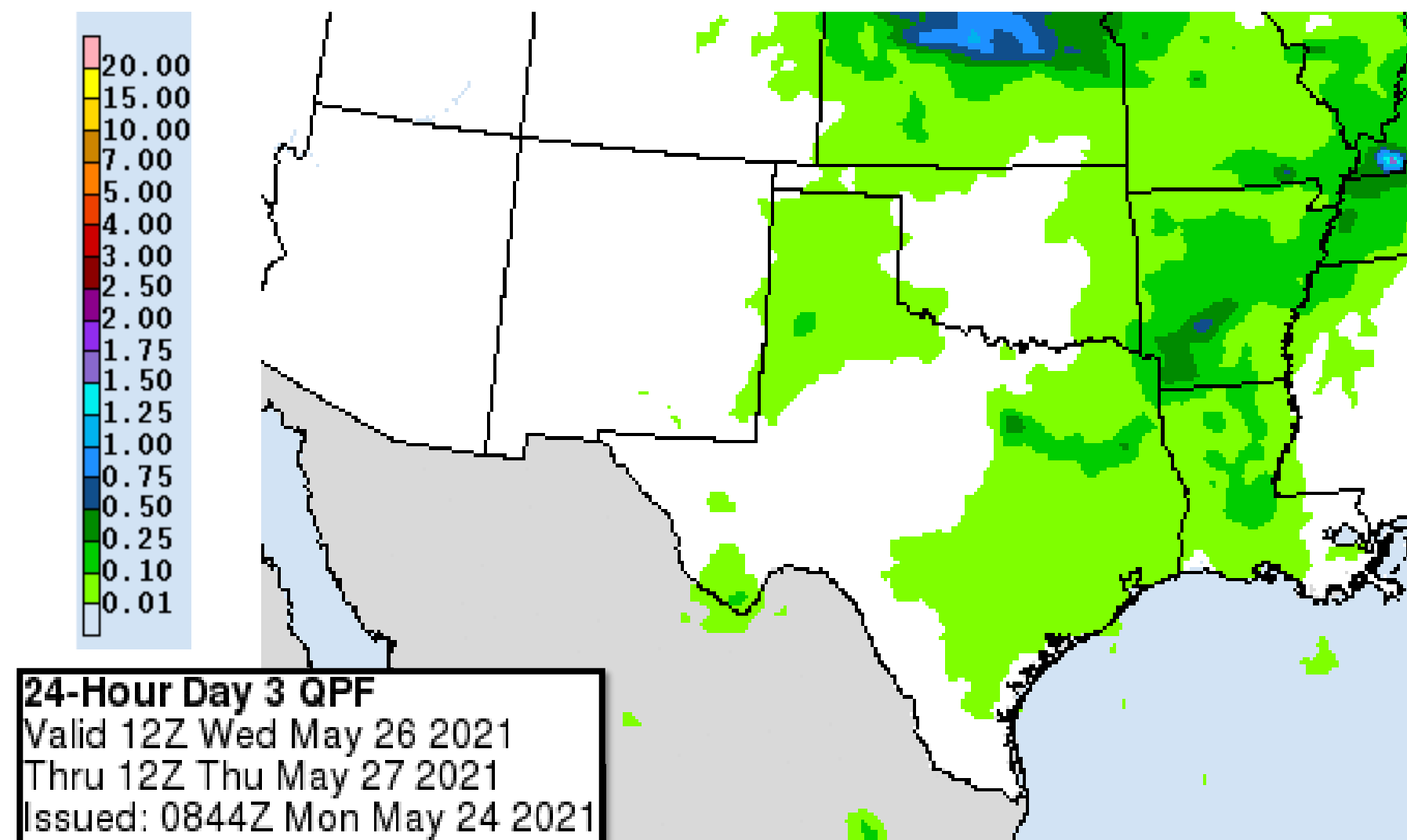


# Wednesday's Weather

## Forecast Chart

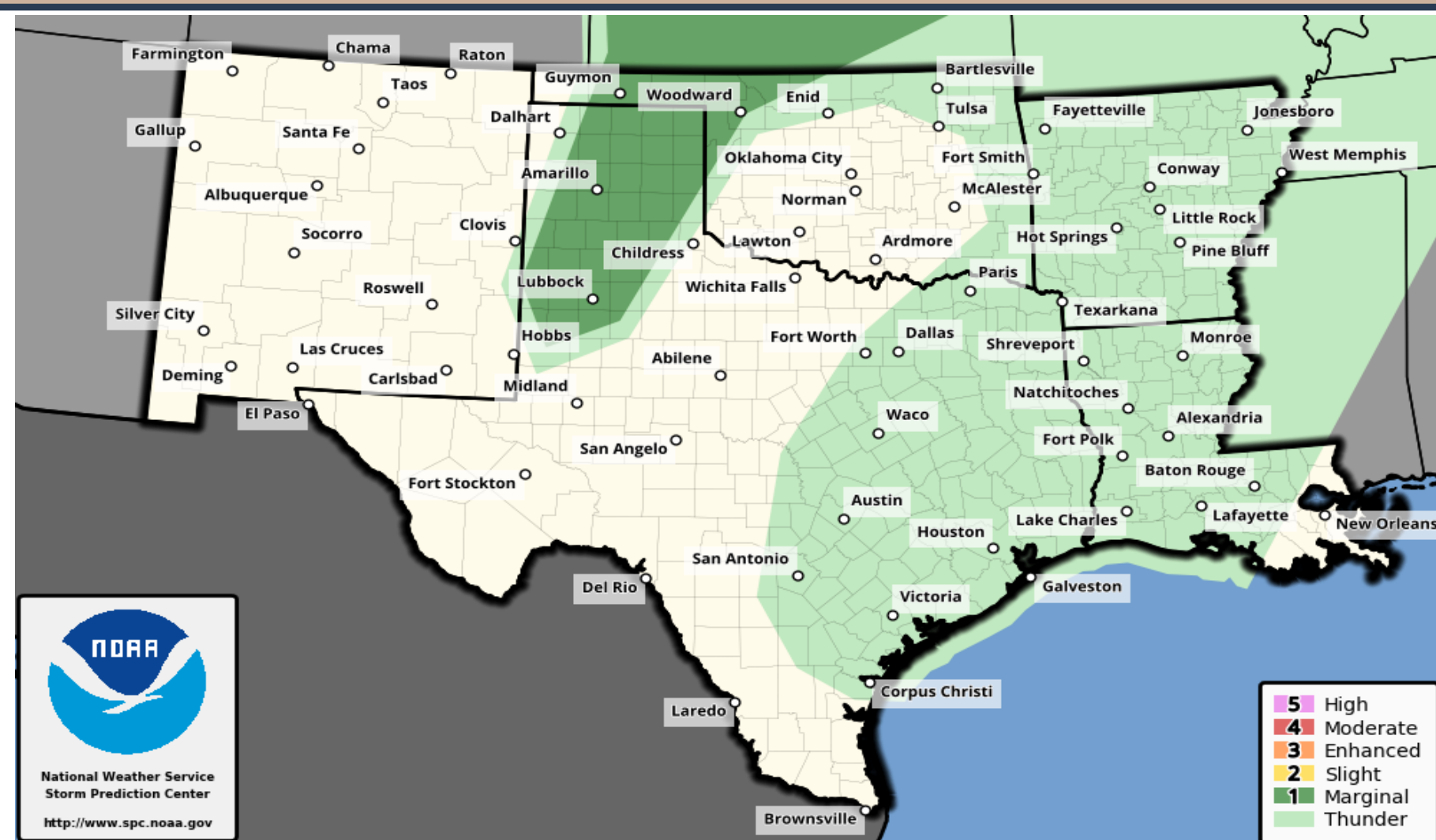


## Forecast Rainfall

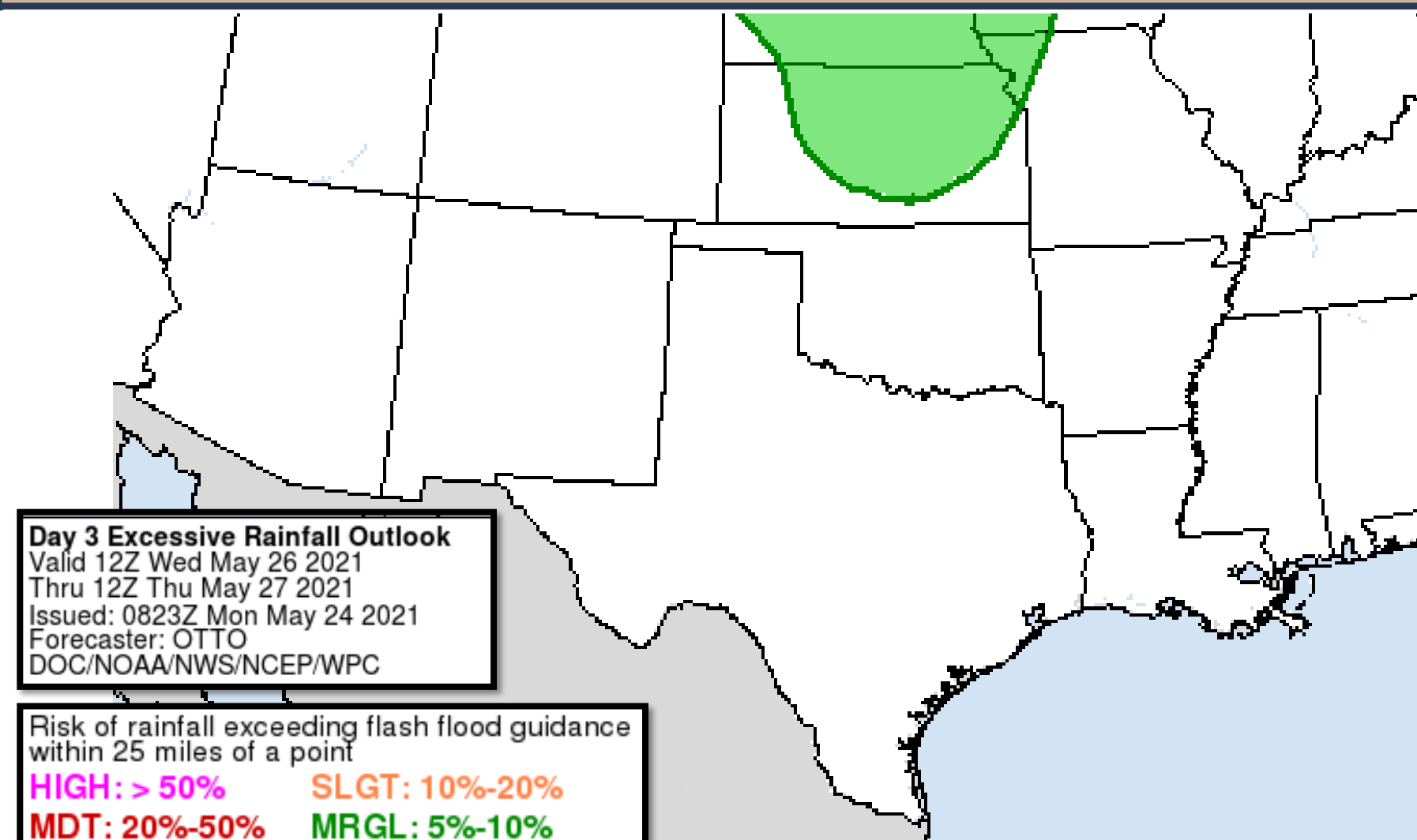


**Isolated strong to severe thunderstorms across the Panhandles and W OK. Isolated damaging wind gusts and large hail are the main threats.**

## Severe Weather Outlook



## Excessive Rainfall Outlook





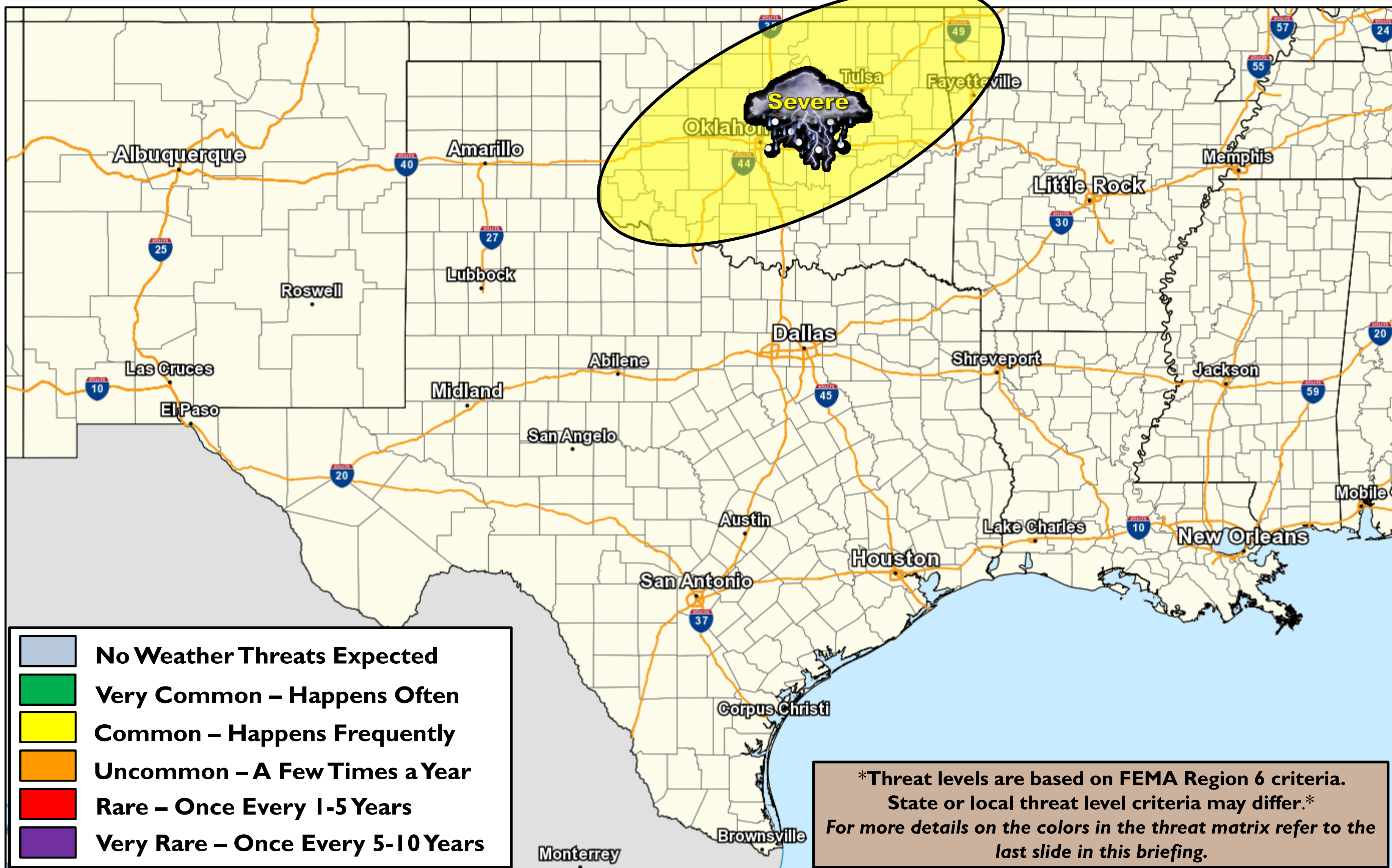
# Days 4-5 Weather Hazards

Thursday - Friday



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**Severe storms possible on  
Thursday across OK and NW  
AR.**



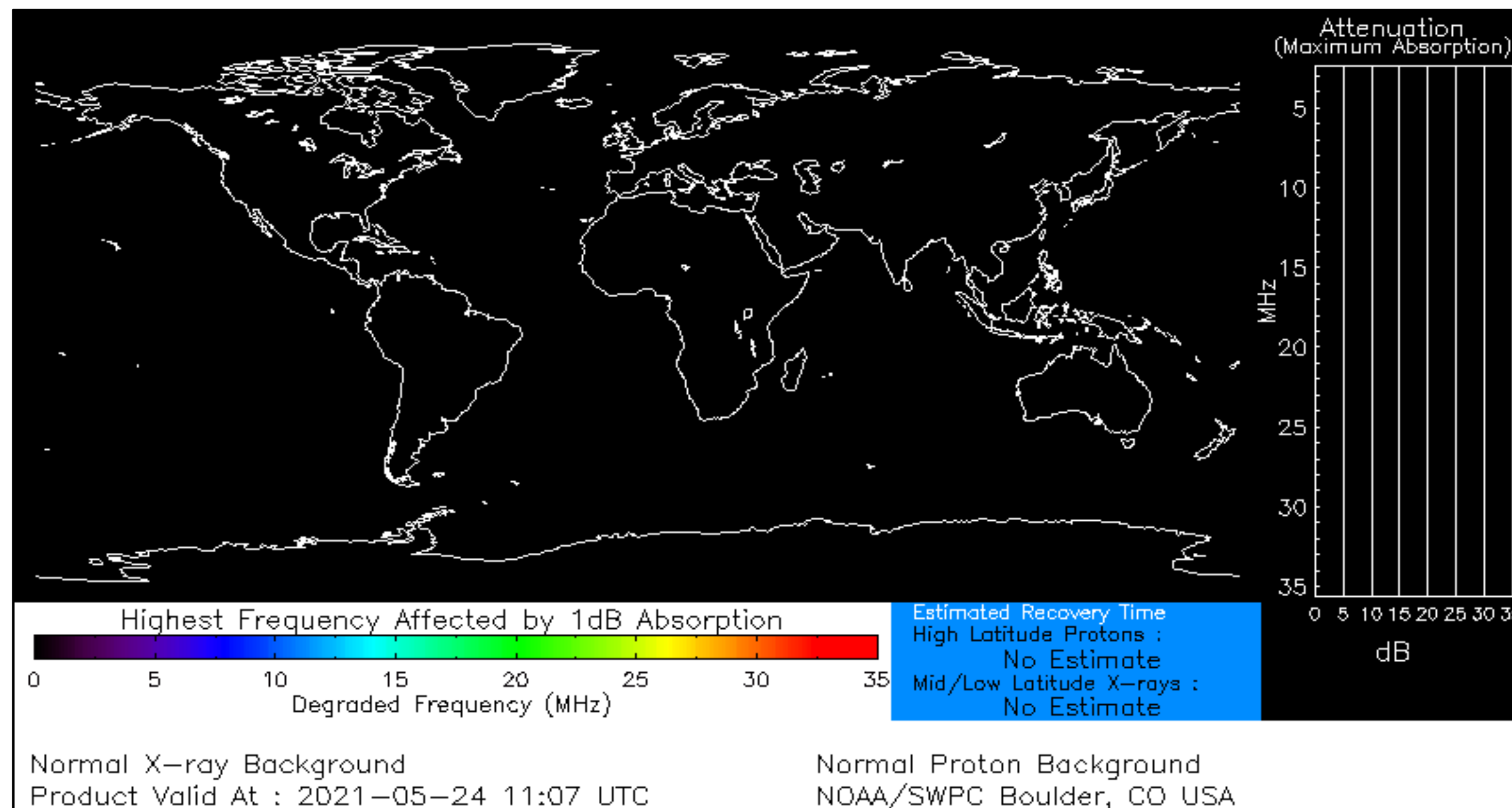


# Space Weather 3-Day Forecast



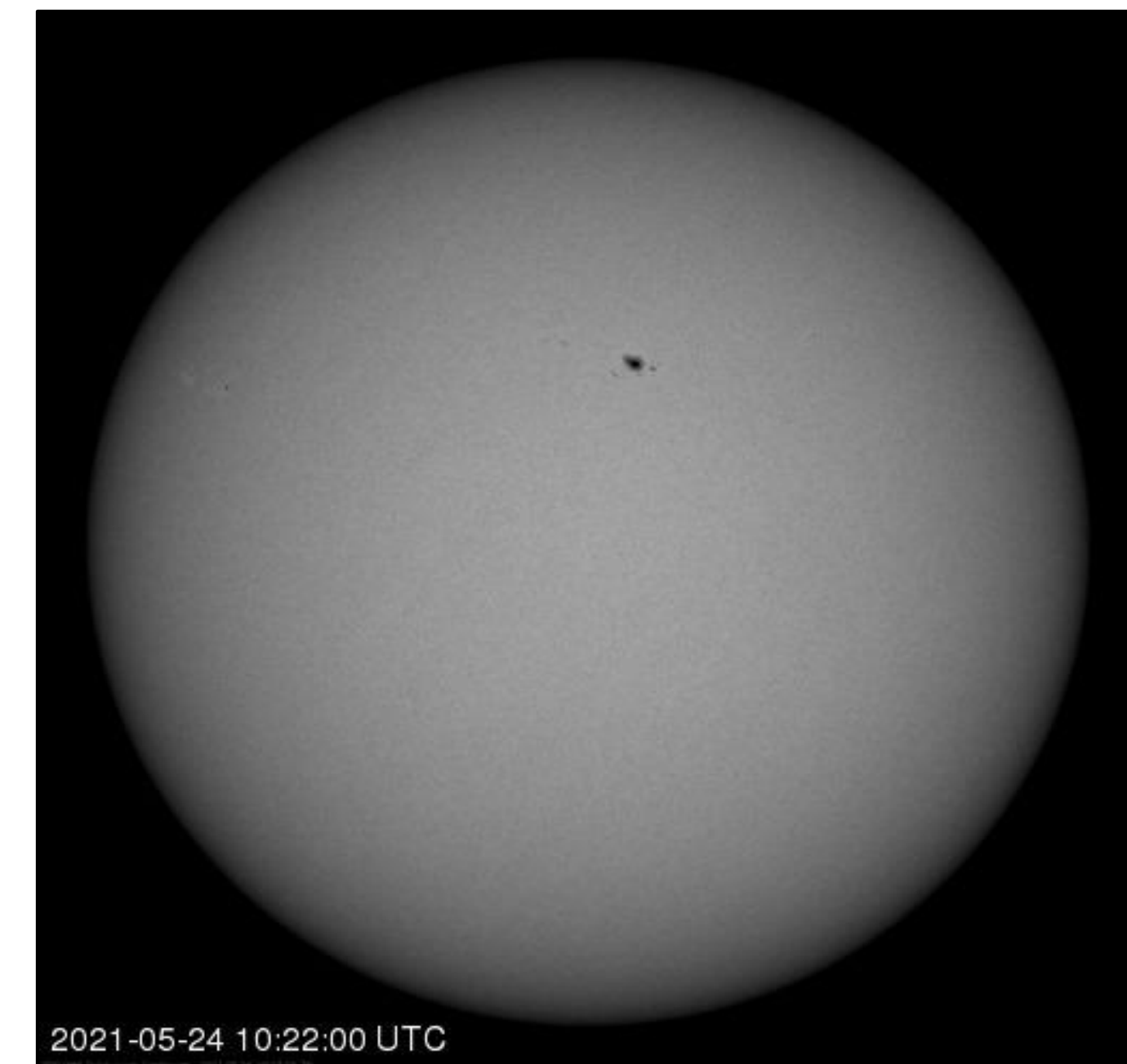
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	Monday	Tuesday	Wednesday
Geomagnetic Storms	Quiet (Max Kp = 2)	Minor (G1) Storm (Max Kp = 5)	Moderate (G2) Storm (Max Kp = 6)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	25%	25%	25%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a  
Description of the Space  
Weather Storm Scales](#)

[Click here for the Latest  
3-Day Space Weather  
Forecast Text](#)







**For more information, please contact:**

**National Weather Service**  
**Southern Region Headquarters**  
**Regional Operations Center**  
**Fort Worth, TX**

**Phone: (682) 703-3747**

**E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**

**Web: <http://www.weather.gov/srh>**





Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail</li> </ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>

**Criteria for the color codes in this briefing is to the left, please provide any feedback to**

**[sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**